

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

11/18/2011

Erik Bennett  
Assistant District Attorney, Suffolk County

Dear ADA Bennett,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

### Annie Khan (Dookhan)

#### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

**DRUG RECEIPT**CC # [REDACTED]  
BOOK # 30  
PAGE # 71  
DESTRUCTION # \_\_\_\_\_District/Unit A7 DCUName & Rank of Arresting Officer Det. J. McCarthy ID# 11715

DEFENDANT'S NAME

ADDRESS

CITY

STATE

E. BostonMA 02128E. BostonMa 02128

## LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITYGROSS  
WEIGHTANALYSIS  
NUMBERCocaineLoose in Napkin6.10gSuboxoneBroken loose in  
Napkin7.10gGabapentin (Neurontin)6 Pills6.10g

To be completed by ECU personnel only

Name and Rank of Submitting Officer [Signature] ID# 937Received by [Signature] Date 10-5-10

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 12-30-10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]

Amount: Subst: SUB  
No. Cont: 1 Cont: napkin  
Date Rec'd: 10/05/2010 No. Analyzed:  
Gross Wt.: 6.09 Net Weight: 0.10  
# Tests: 6 ASD  
• 2 DJR

Prelim: cocaine @ Findings: Cocaine

No. [REDACTED] Date Analyzed:  
City: Boston D.C.U. Police Dept. 12-30-10  
Officer: P.O. Diana Lopez  
Def: [REDACTED]

Amount: Subst: BRKN TAB  
No. Cont: 1 Cont: napkin  
Date Rec'd: 10/05/2010 No. Analyzed:  
Gross Wt.: 7.67 Net Weight: 1.38  
# Tests: 6 ASD  
• 2 DJR

Prelim: Buprenorphine B Findings: Buprenorphine

# DRUG POWDER ANALYSIS FORM

SAMPLE # \_\_\_\_\_ AGENCY Boston ANALYST AS2

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

Gross Wt ( ): 2.1826

off white chunky substance  
in 1 napkin

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1061

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (—)✈

Marquis

Froehde's

Mecke's

### Microcrystalline Tests

Gold  
Chloride +

TLTA ( ) +

## OTHER TESTS

### PRELIMINARY TEST RESULTS

RESULTS 20 cases

DATE 12-28-10

**GC/MS CONFIRMATORY TEST**

## RESULTS (continued)

MS  
OPERATOR DJR

DATE 12-30-10

# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Boston ANALYST ADG

No. of samples tested:              Evidence Wt.             

## PHYSICAL DESCRIPTION:

2 orange brown tablet  
17-pb

Gross Wt ( ):             

Gross Wt ( ):             

Pkg. Wt:             

Net Wt: 1.386g



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (-) -

Marquis purple

Froehde's purple

Mecke's -

### Microcrystalline Tests

Gold  
Chloride             

TLTA ( )             

### OTHER TESTS

Dille = -

GC = +

## PRELIMINARY TEST RESULTS

RESULTS Buprenorphine

DATE 12-28-10

## GC/MS CONFIRMATORY TEST

RESULTS Buprenorphine

MS  
OPERATOR DJR

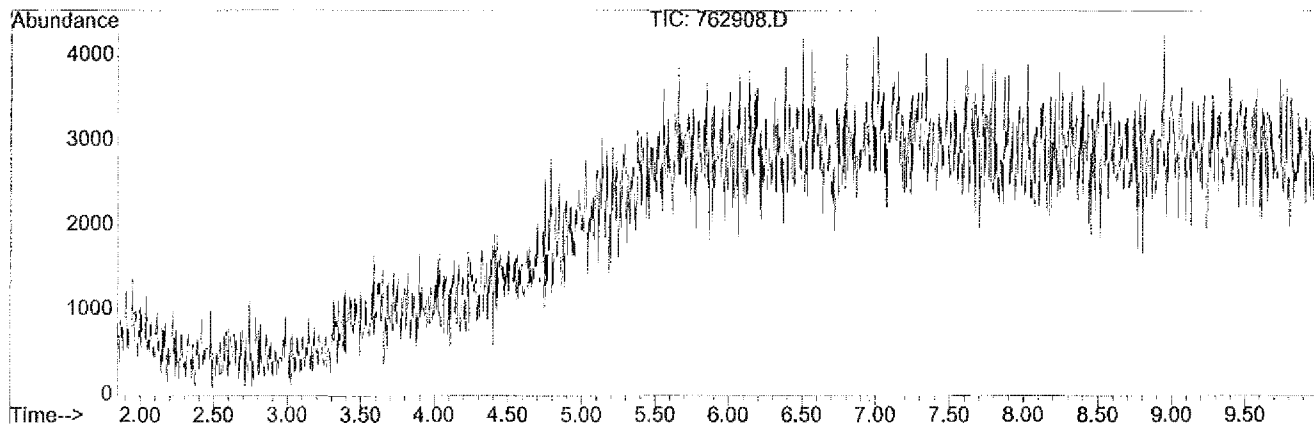
DATE 12-30-10

# Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762908.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 13:07  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

✓ DJR  
11-14-11



Ret. Time	Area	Area %	Ratio %
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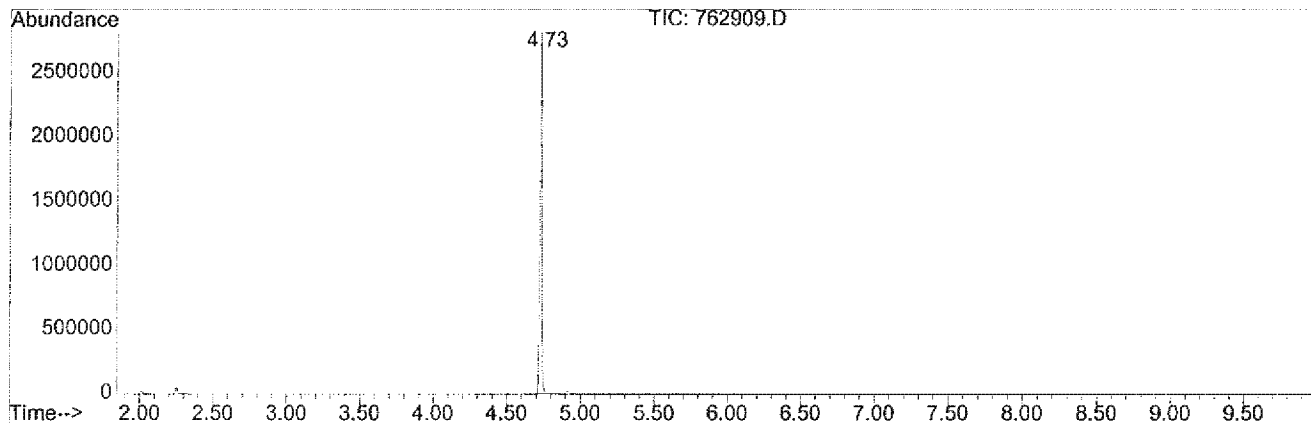
\*\*\*NO INTEGRATED PEAKS\*\*\*



# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762909.D  
 Operator : DJR  
 Date Acquired : 29 Dec 2010 13:21  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 9  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.726	2732253	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

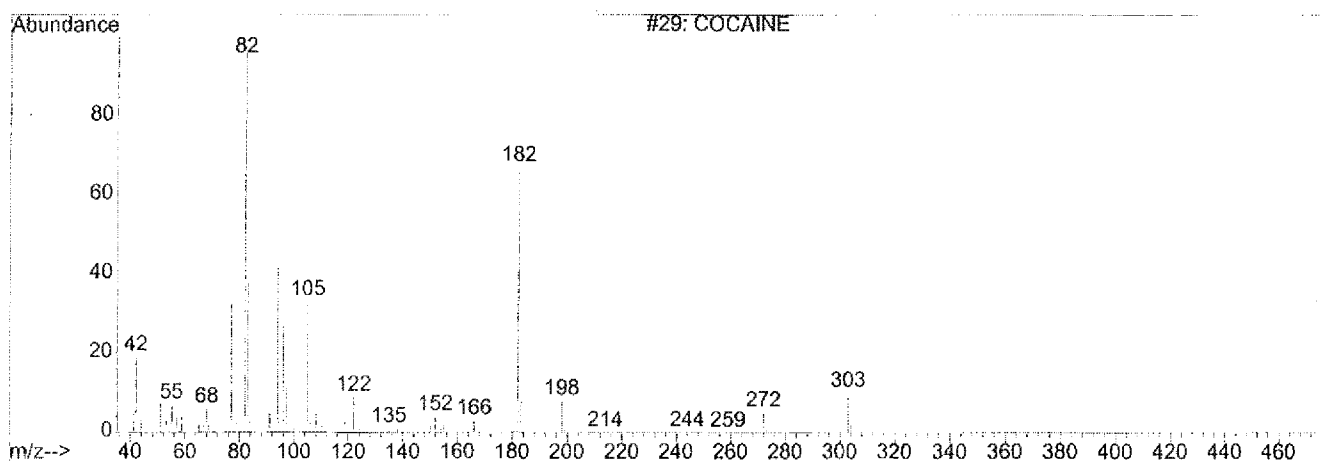
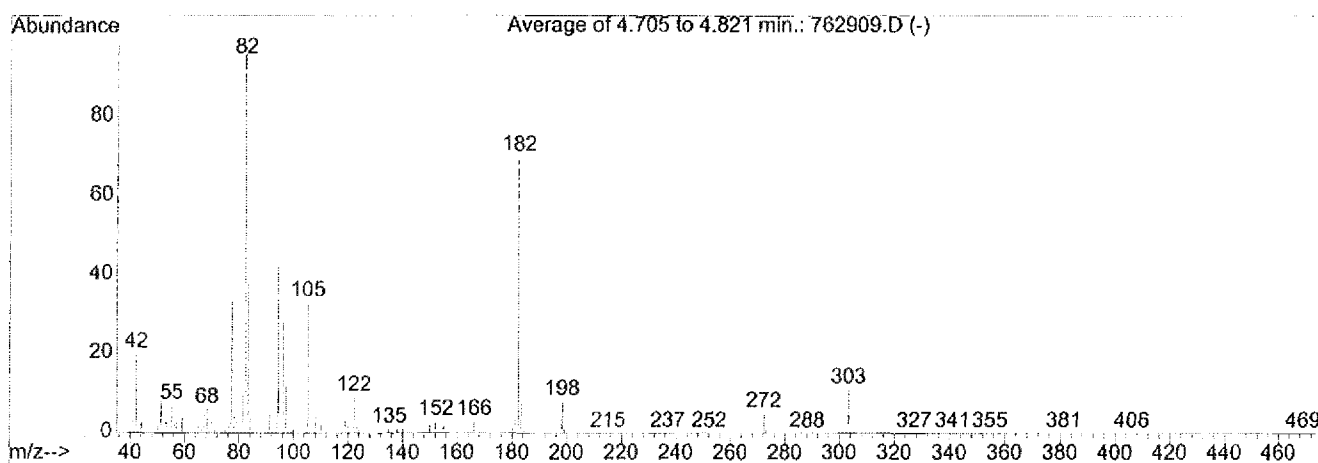
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762909.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  13:21
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 9
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



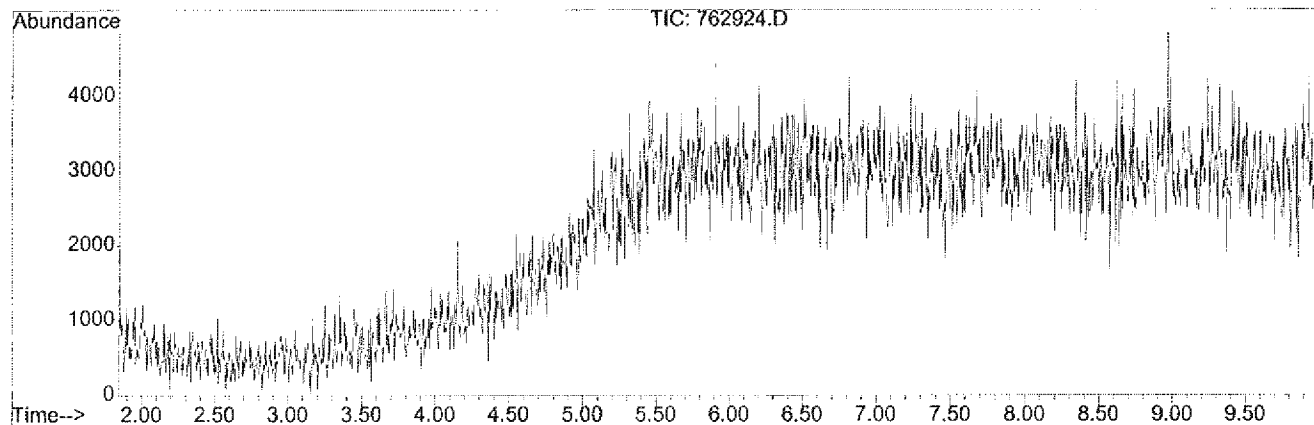
# Area Percent / Library Search Report

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## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762924.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 16:46  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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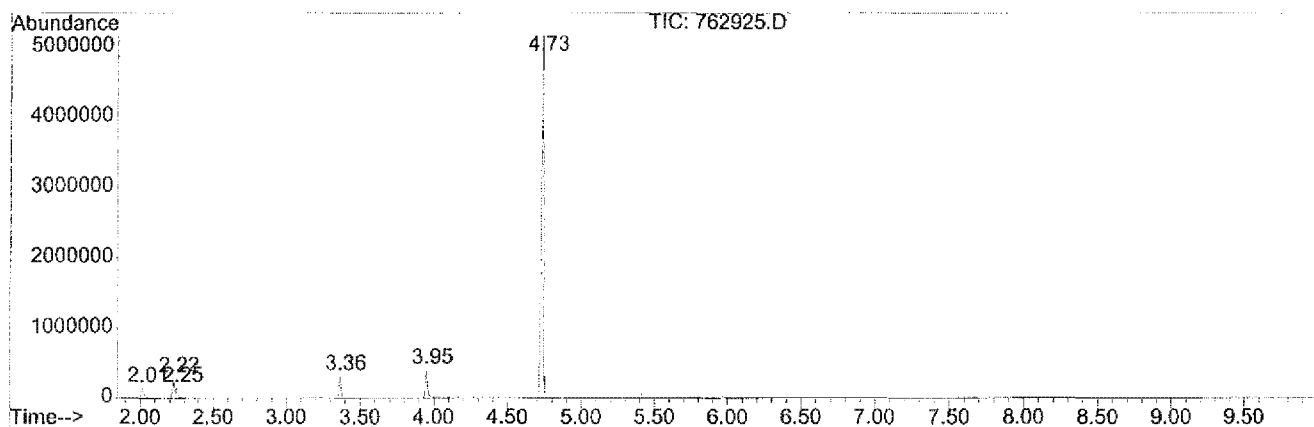
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762925.D  
 Operator : DJR  
 Date Acquired : 29 Dec 2010 17:00  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 25  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.013	185814	2.64	3.26
2.225	288058	4.10	5.05
2.251	126941	1.80	2.22
3.362	305037	4.34	5.35
3.949	421800	6.00	7.39
4.732	5706192	81.12	100.00

# Area Percent / Library Search Report

**Information from Data File:**

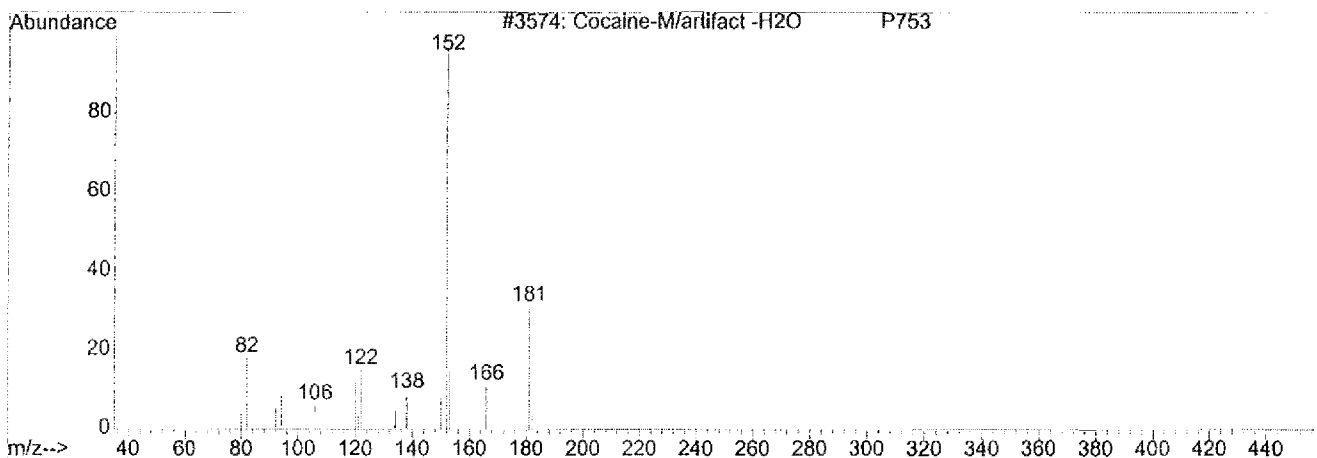
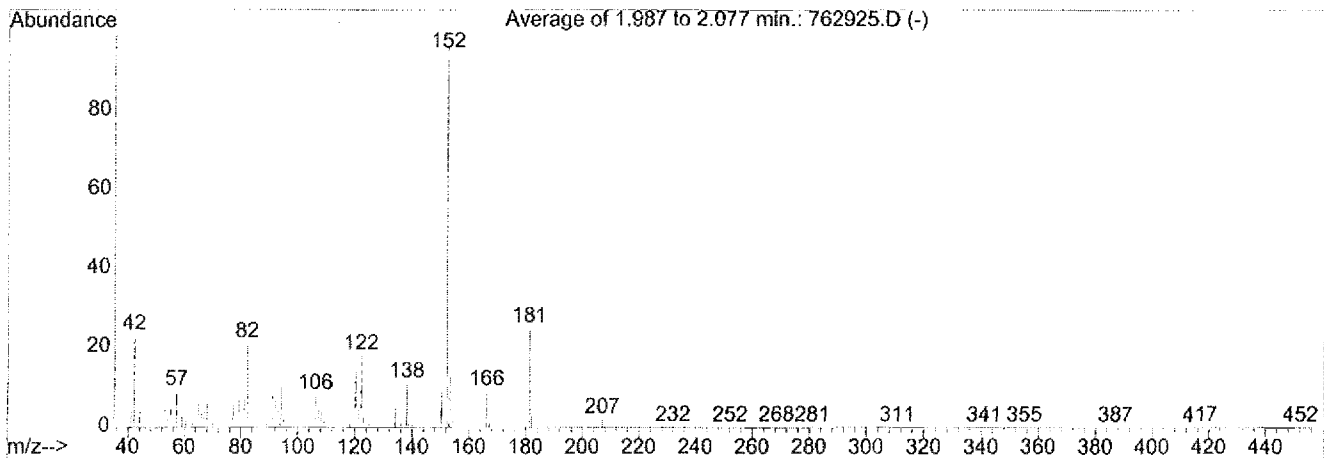
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	2.01	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	97
		MDA-M (desmethylenyl-methyl-) ME @	000000-00-0	38
		Vanillin AC	000000-00-0	23



# Area Percent / Library Search Report

**Information from Data File:**

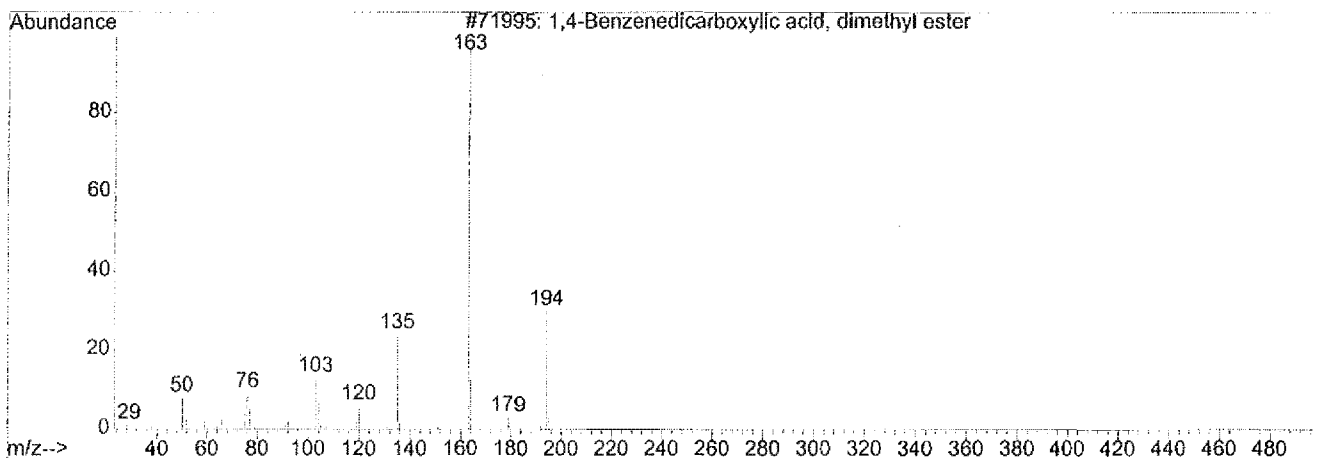
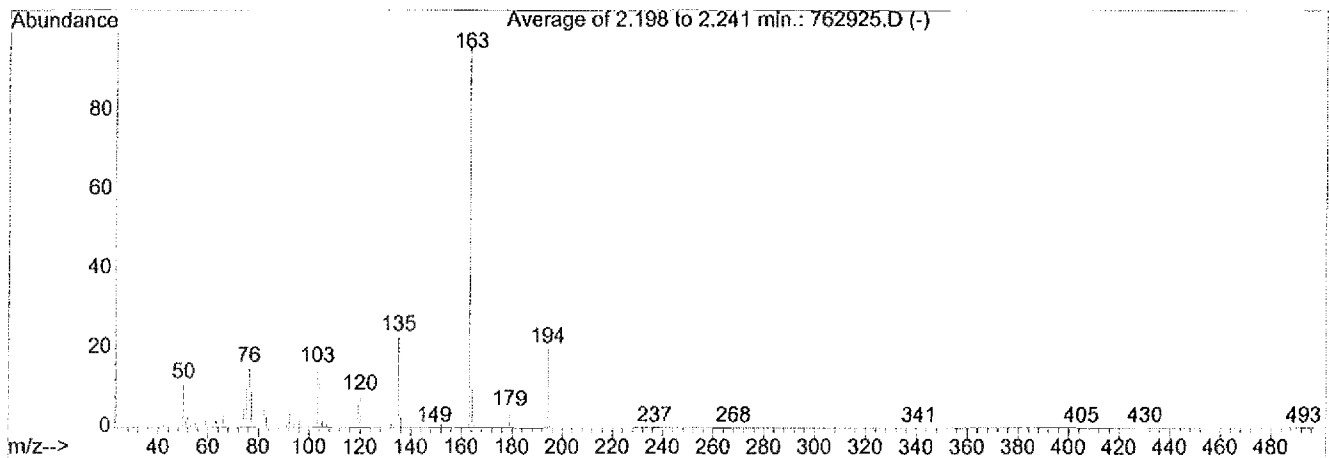
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	2.22	C:\DATABASE\NIST98.L		
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	96
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	96
		1,4-Benzenedicarboxylic acid, dimet	000120-61-6	95



# Area Percent / Library Search Report

## Information from Data File:

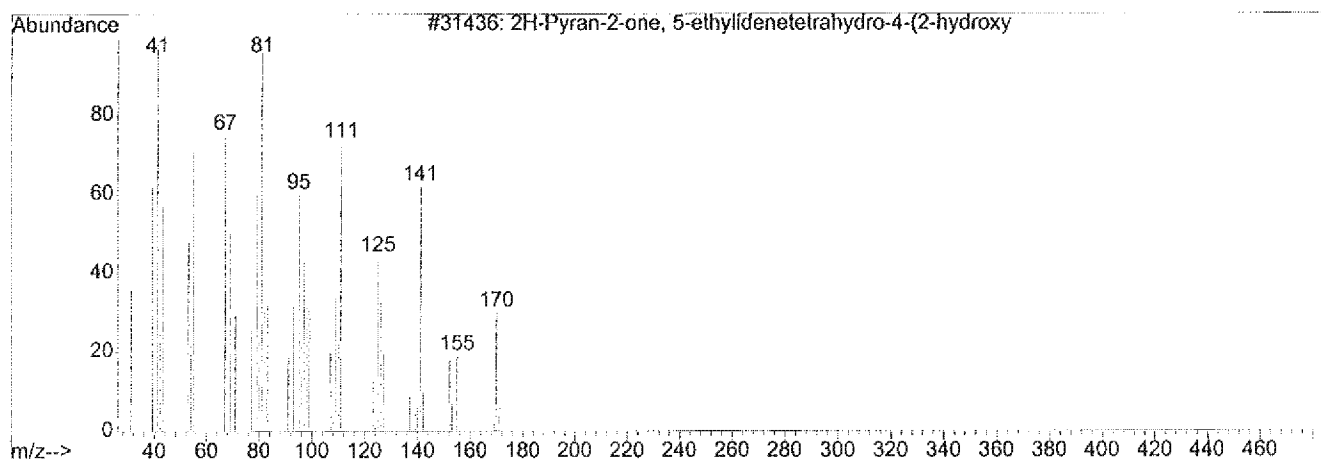
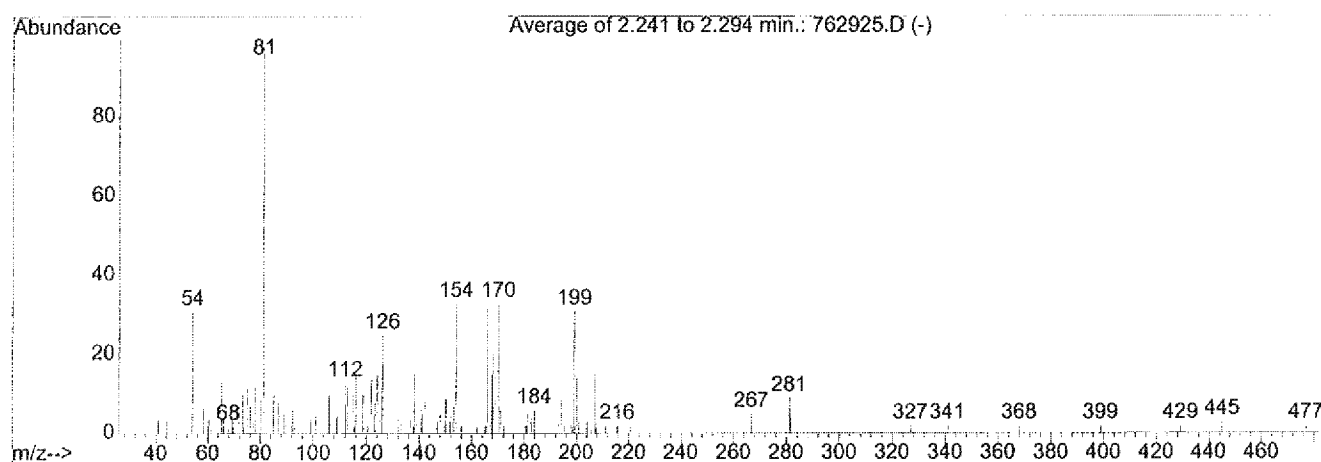
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	2.25	C:\DATABASE\NIST98.L		
		2H-Pyran-2-one, 5-ethylidenetetrahy	038965-49-0	30
		Cyclopentaneacetic acid, 2-carboxy-	001140-18-7	27
		Cyclopenta[c]pyran-1(3H)-one, hexah	017672-96-7	17



# Area Percent / Library Search Report

**Information from Data File:**

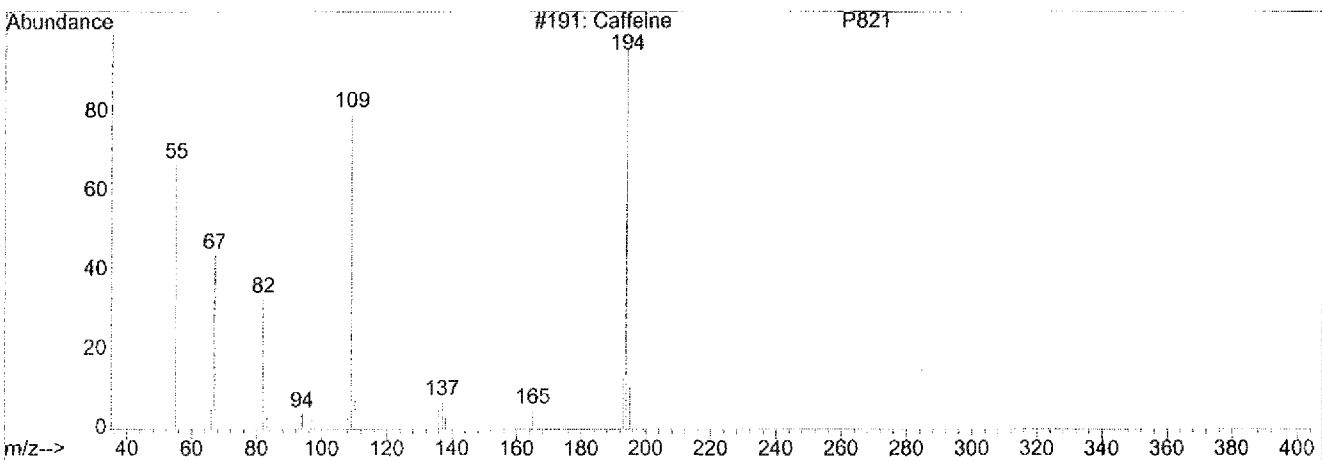
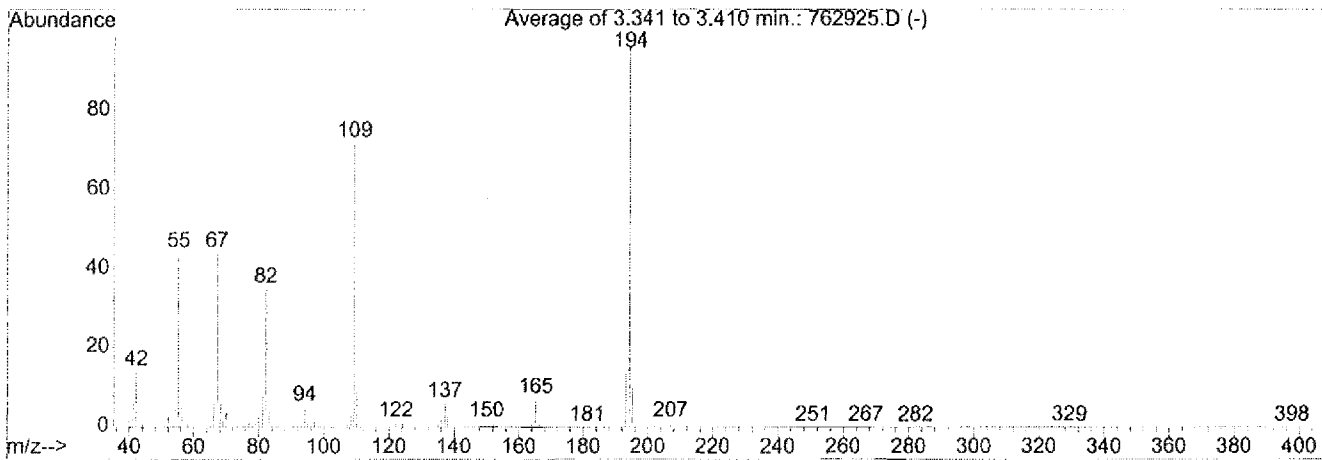
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : 
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
4	3.36	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	93
		Dichlorvos	000062-73-7	9
		Endogenous biomolecule 2AC	000000-00-0	7





# Area Percent / Library Search Report

**Information from Data File:**

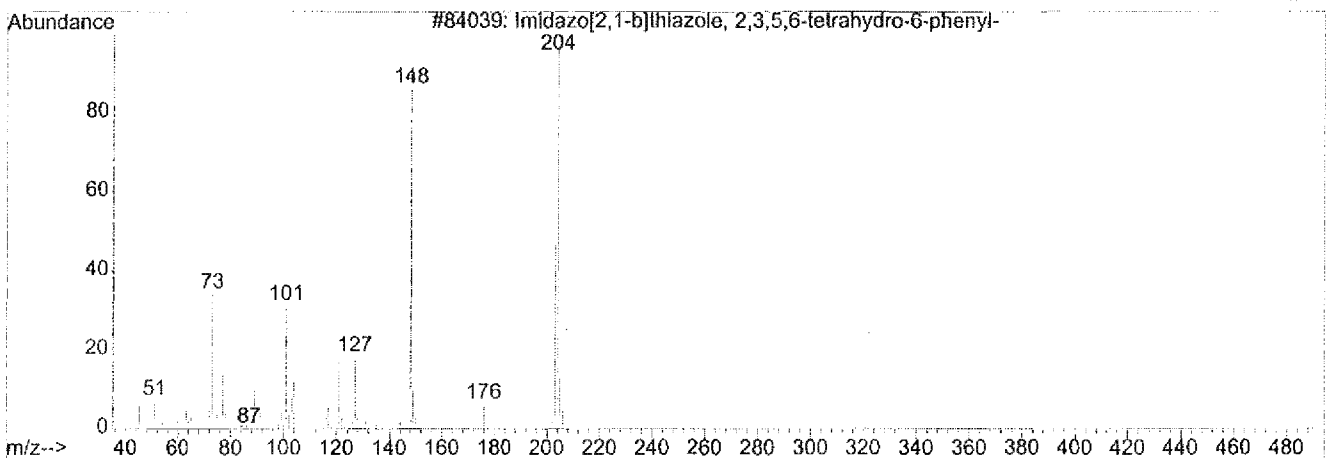
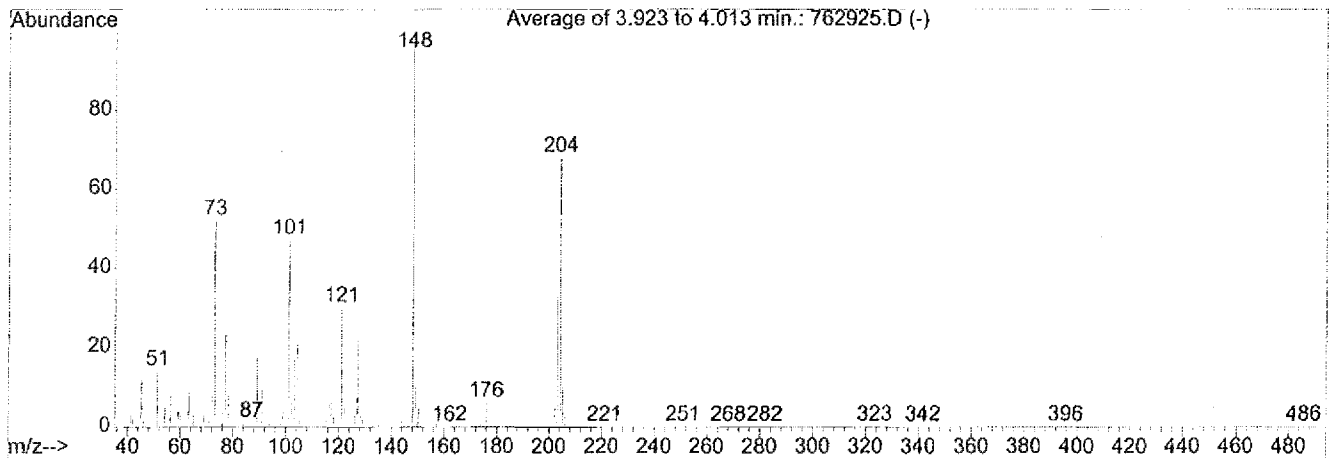
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
5	3.95	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



# Area Percent / Library Search Report

**Information from Data File:**

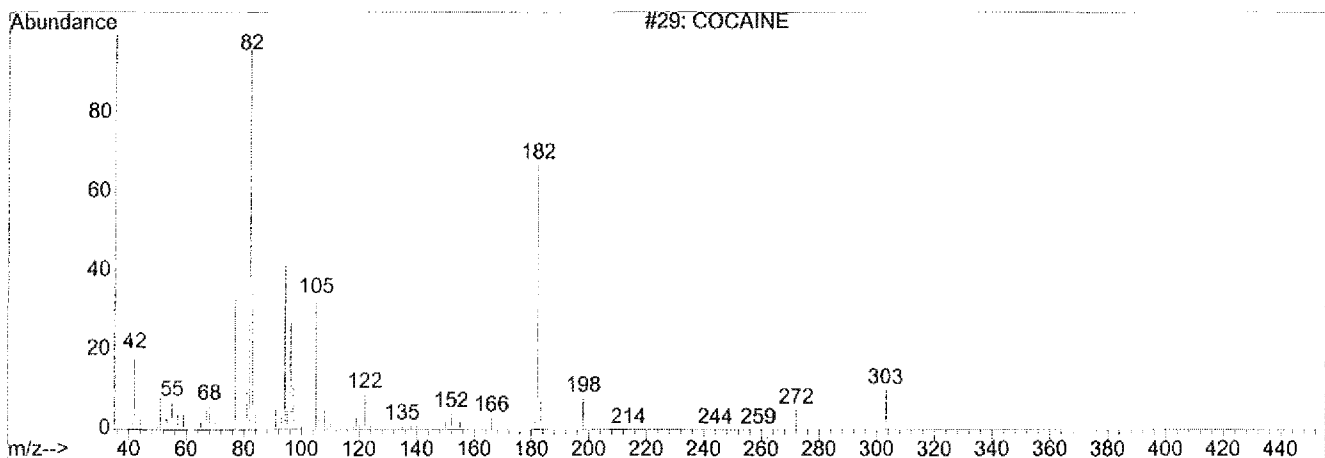
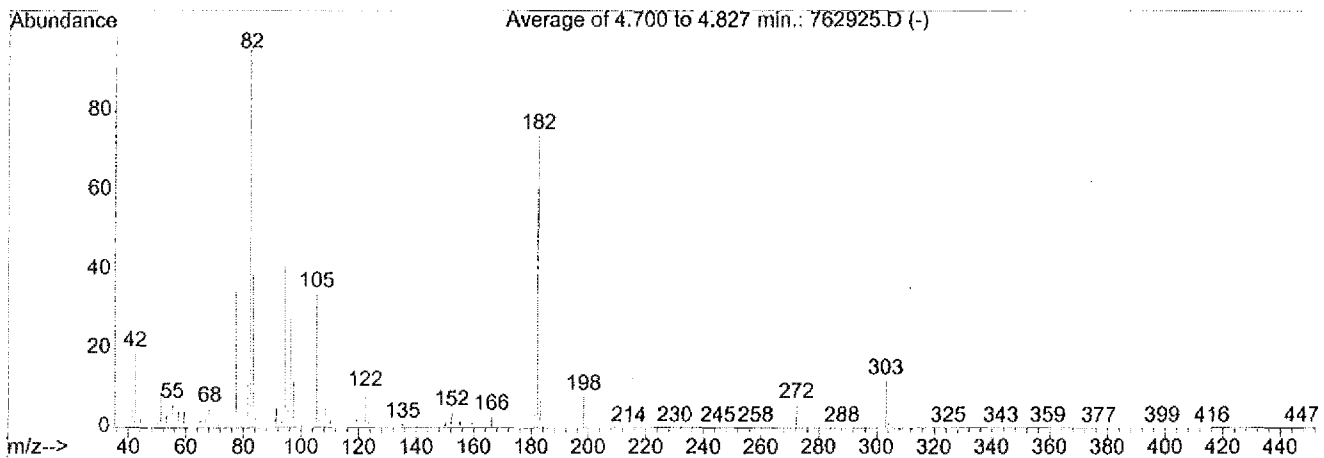
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762925.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:00
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
6	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



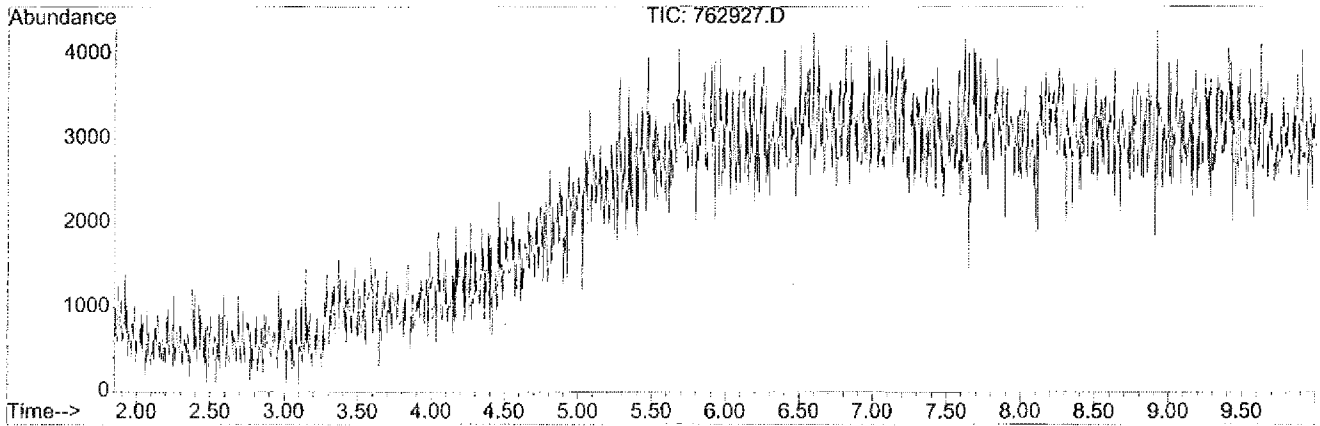
# Area Percent / Library Search Report

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## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762927.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 17:27  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

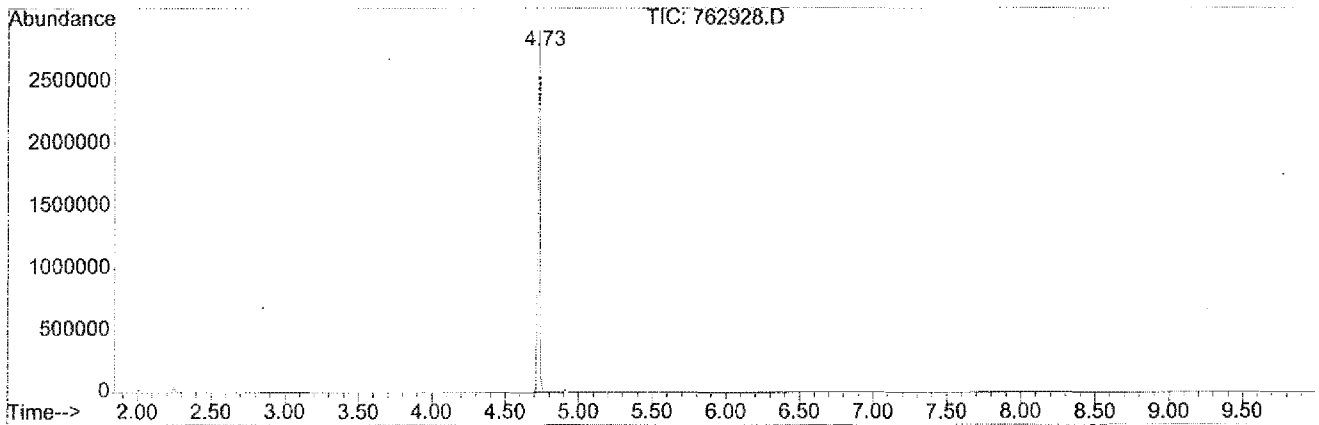
# Area Percent / Library Search Report

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## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762928.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 17:40  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 28  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.726	2954139	100.00	100.00

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# Area Percent / Library Search Report

**Information from Data File:**

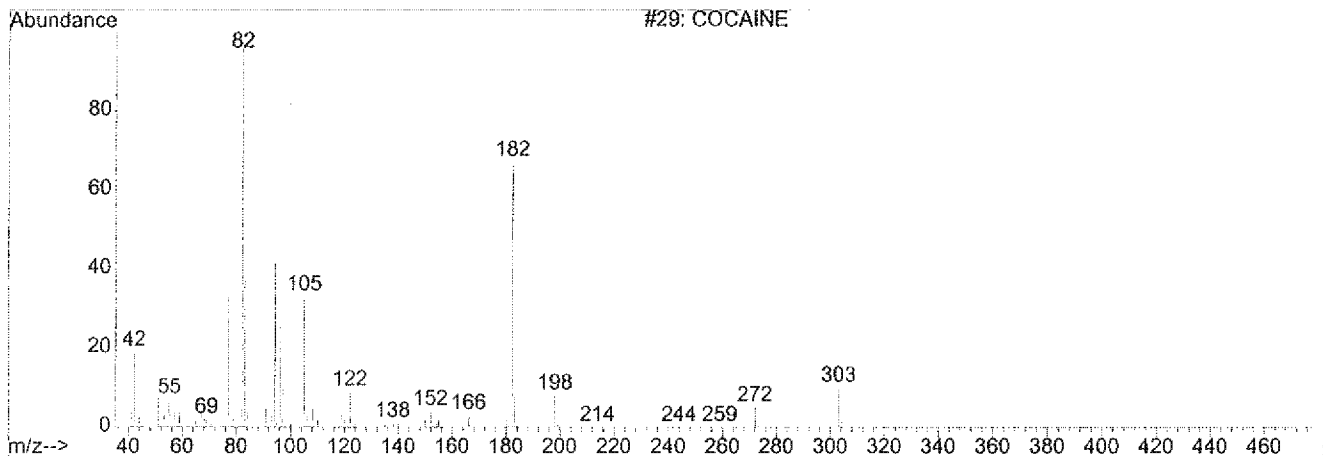
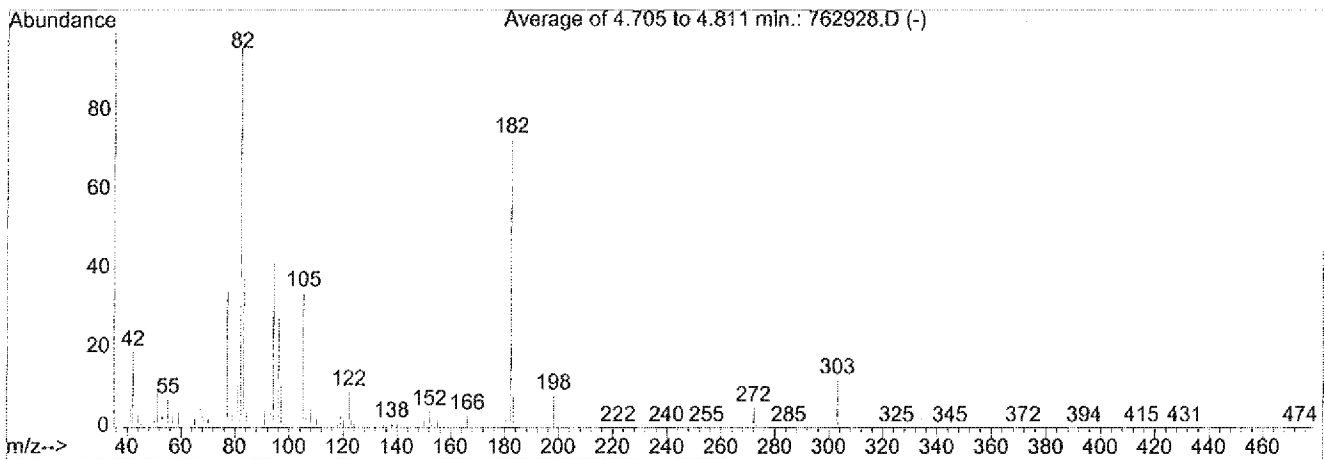
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762928.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  17:40
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 28
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

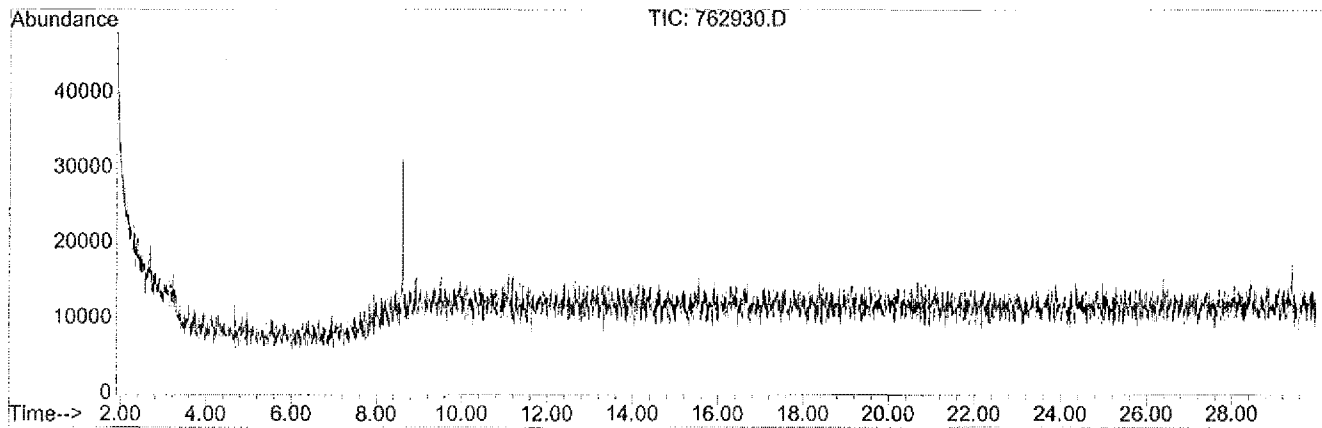
PK#	RT	Library/ID	CAS#	Qual
1	4.73	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762930.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 18:08  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: WSCREEN  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

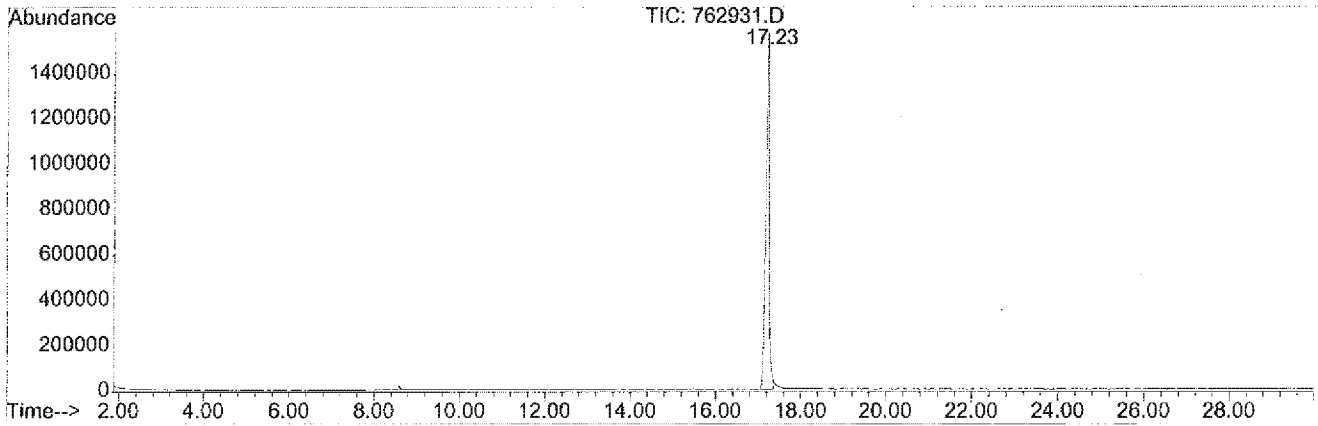
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762931.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 18:42  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 31  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
17.225	8465914	100.00	100.00

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# Area Percent / Library Search Report

**Information from Data File:**

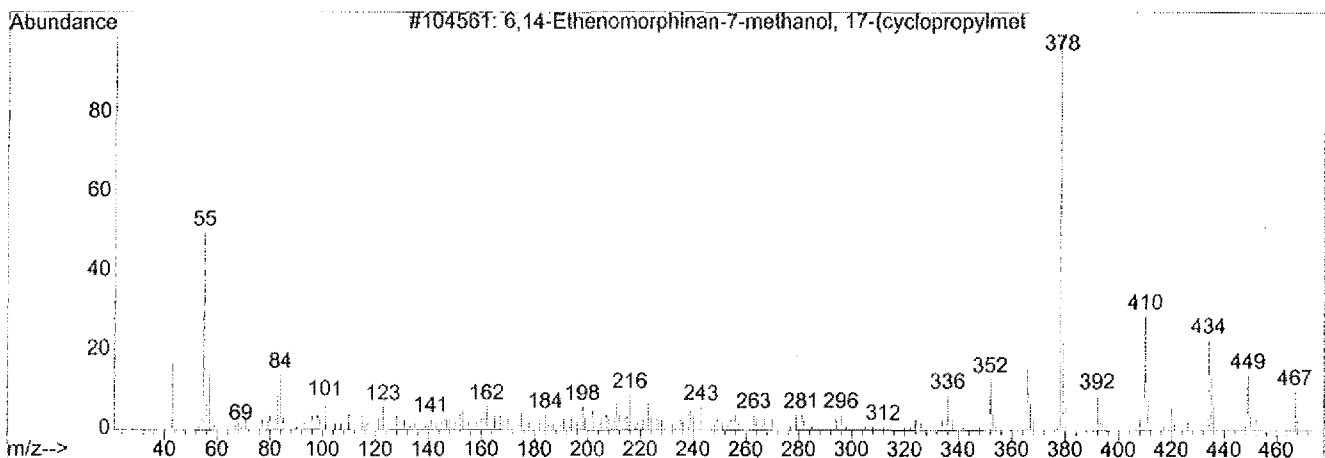
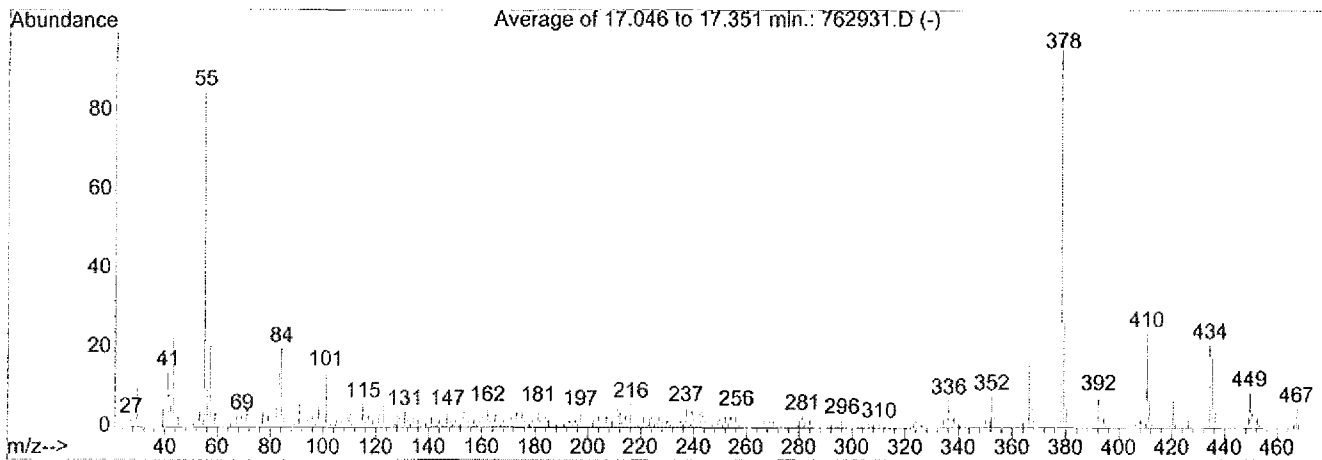
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762931.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  18:42
Sample Name     : BUPRENORPHINE STD
Submitted by    :
Vial Number     : 31
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	17.23	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	97
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	49





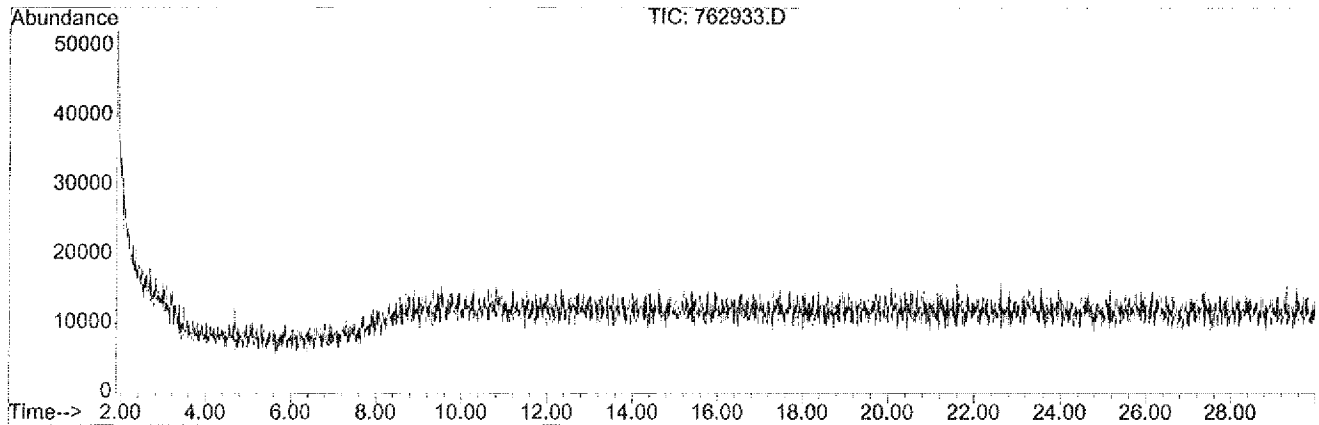
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762933.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 19:50  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: WSCREEN  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
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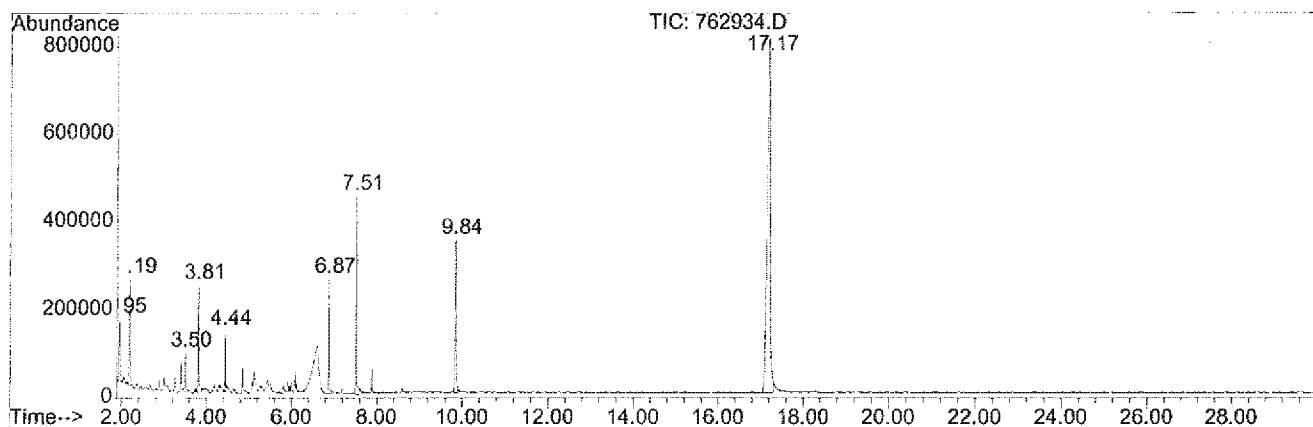
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762934.D  
 Operator : DJR  
 Date Acquired : 29 Dec 2010 20:24  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 34  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.953	234855	3.59	5.81
2.186	395460	6.05	9.78
3.503	109292	1.67	2.70
3.814	289950	4.44	7.17
4.436	136427	2.09	3.37
6.871	254696	3.90	6.30
7.511	467813	7.16	11.57
9.838	600252	9.19	14.84
17.172	4044957	61.91	100.00

# Area Percent / Library Search Report

**Information from Data File:**

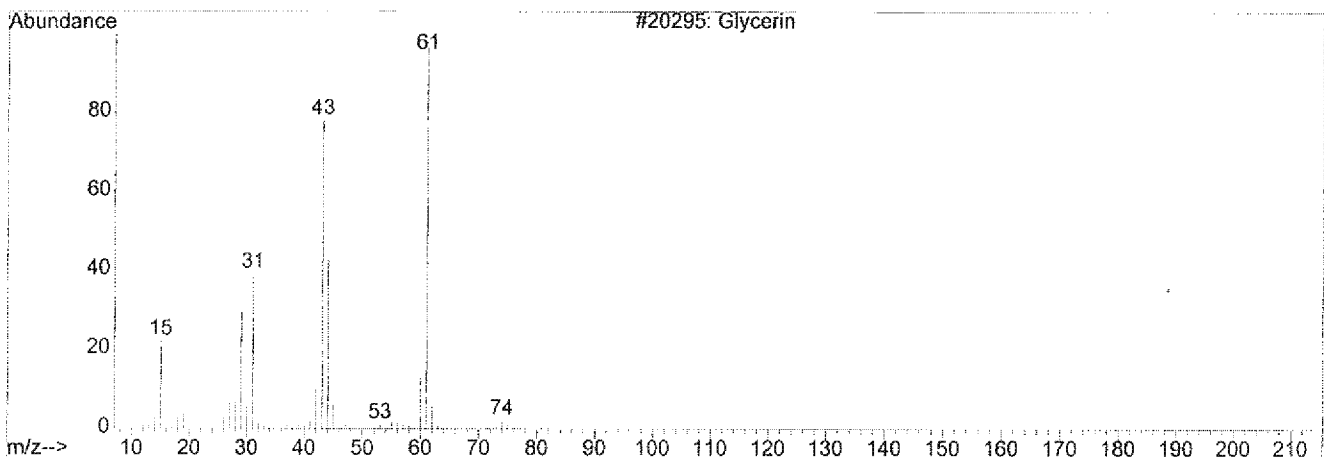
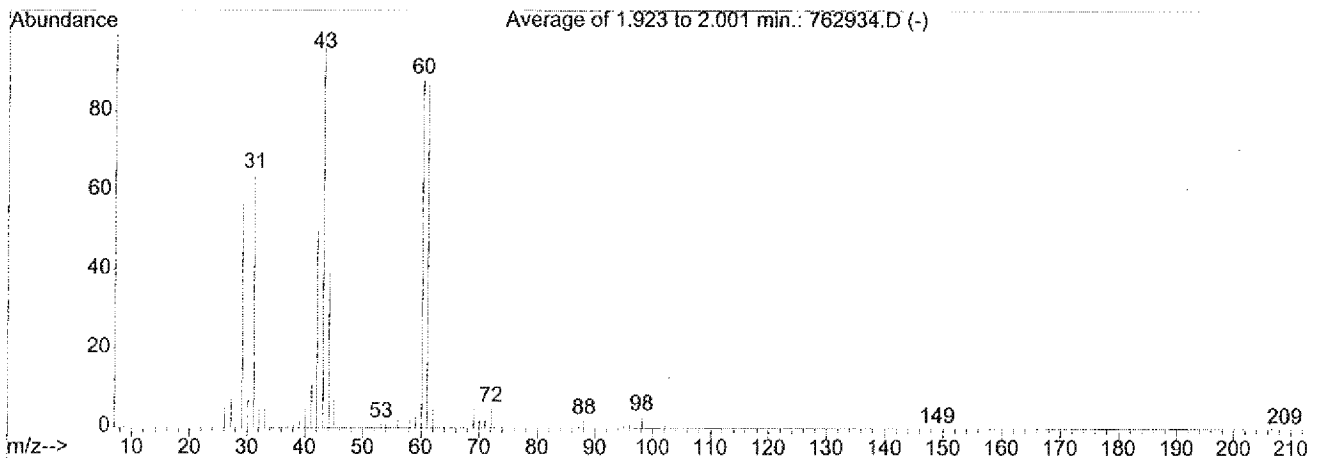
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : 
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	1.95	C:\DATABASE\NIST98.L		
		Glycerin	000056-81-5	43
		Diglycolic acid	000110-99-6	43
		1,2-Ethanediol, diformate	000629-15-2	38



# Area Percent / Library Search Report

**Information from Data File:**

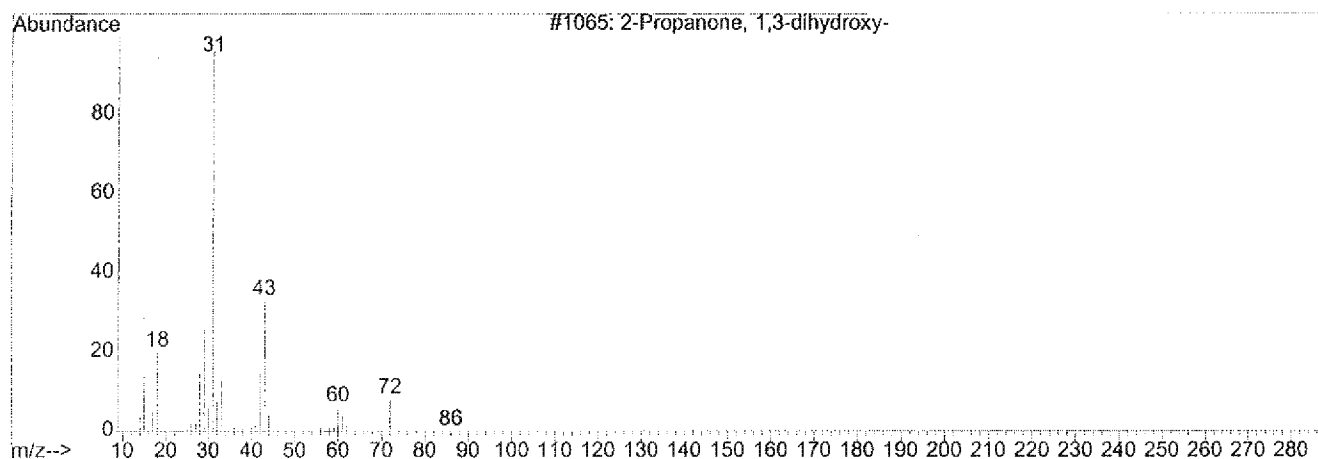
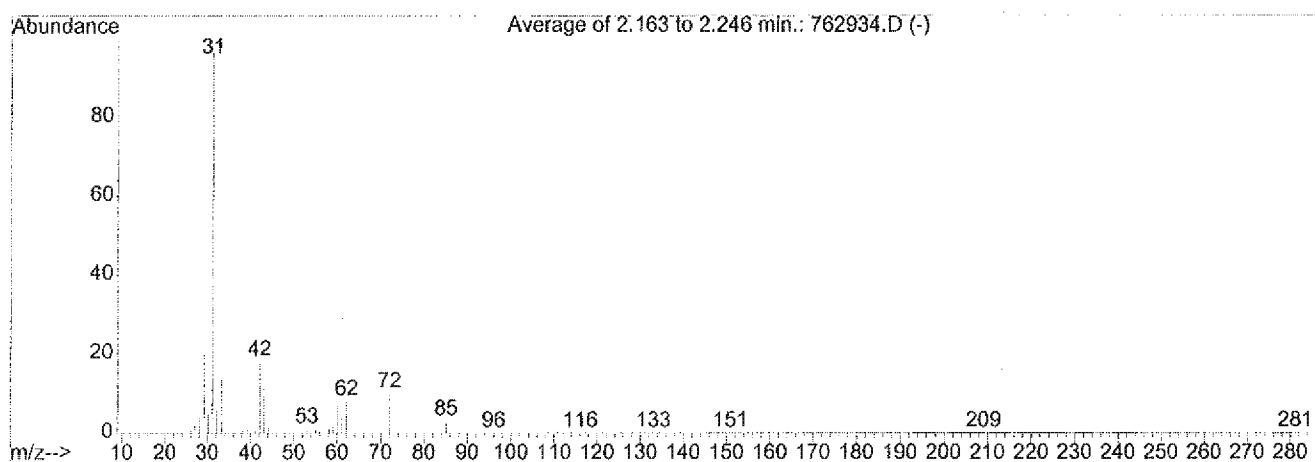
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	2.19	C:\DATABASE\NIST98.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		Acetaldehyde, hydroxy-	000141-46-8	42
		Acetic acid, hydroxy-, methyl ester	000096-35-5	38



# Area Percent / Library Search Report

**Information from Data File:**

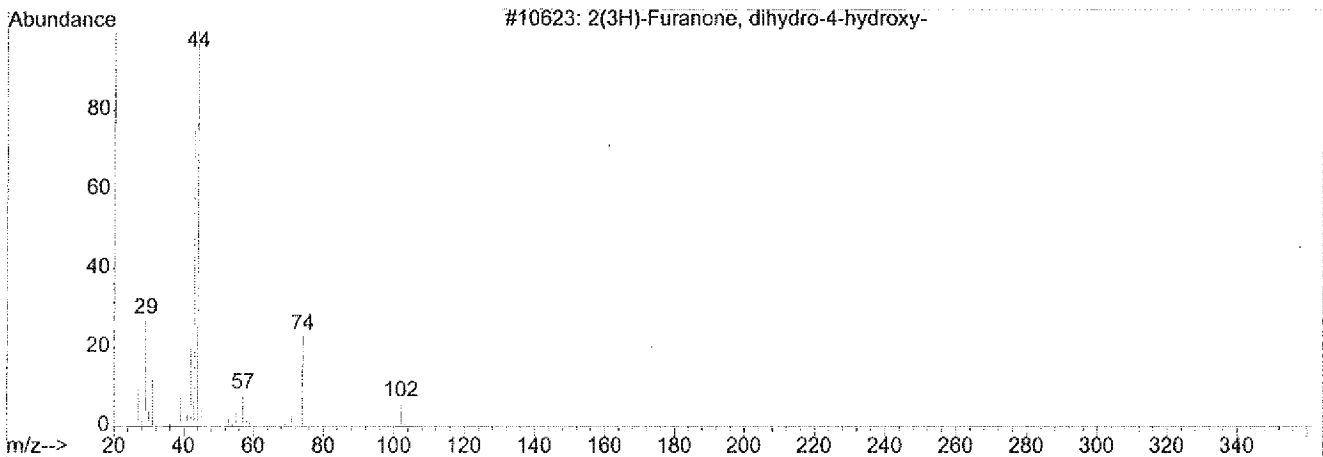
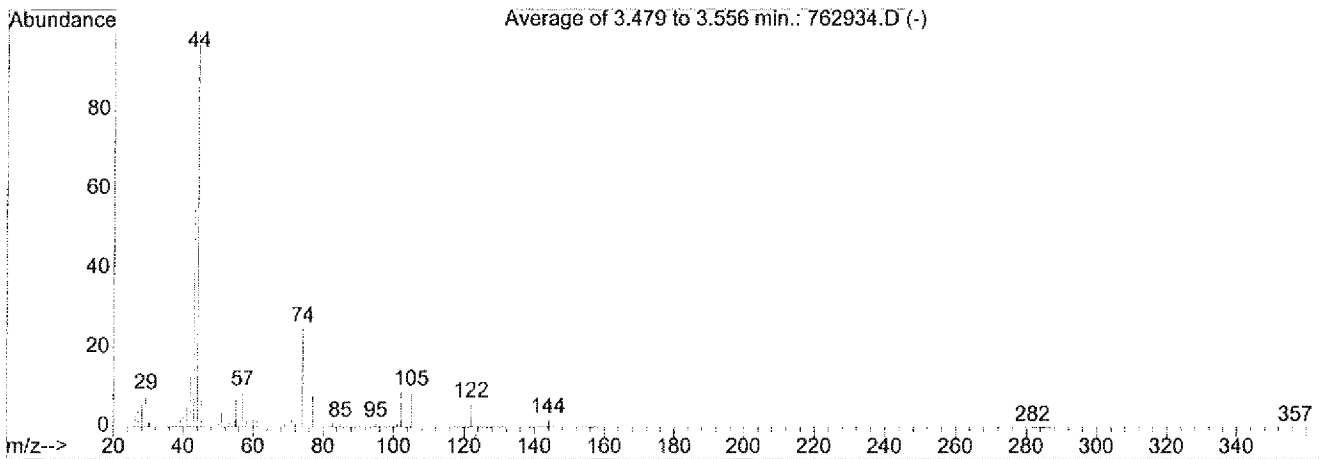
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
3	3.50	C:\DATABASE\NIST98.L		
		2(3H)-Furanone, dihydro-4-hydroxy-	005469-16-9	64
		2-Propanamine	000075-31-0	50
		Urea, N,N'-bis(1-methylethyl)-	004128-37-4	49



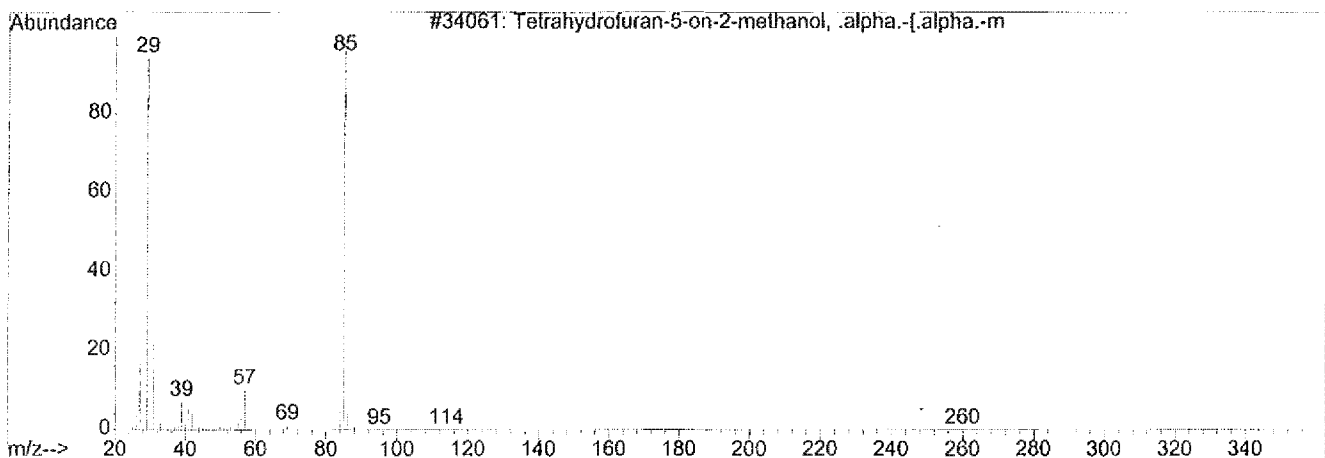
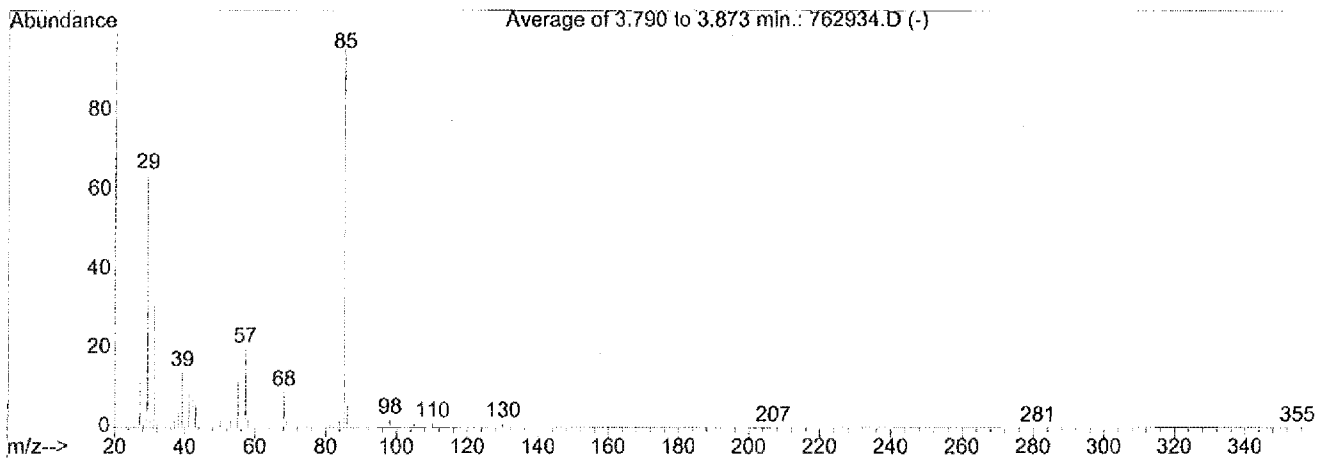
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762934.D  
 Operator : DJR  
 Date Acquired : 29 Dec 2010 20:24  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 34  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
 C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
4	3.81	C:\DATABASE\NIST98.L		
		Tetrahydrofuran-5-on-2-methanol, .a	1000192-28-3	64
		Pentanal, 5-[(tetrahydro-2H-pyran-2	014194-86-6	45
		(S)-(+)-2',3'-Dideoxyribonolactone	032780-06-6	45



# Area Percent / Library Search Report

**Information from Data File:**

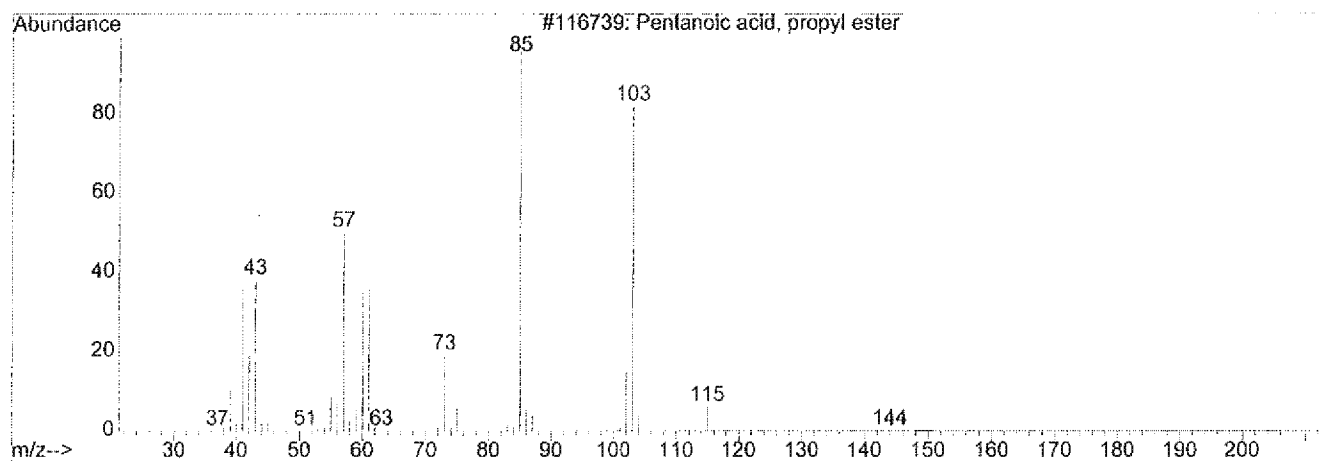
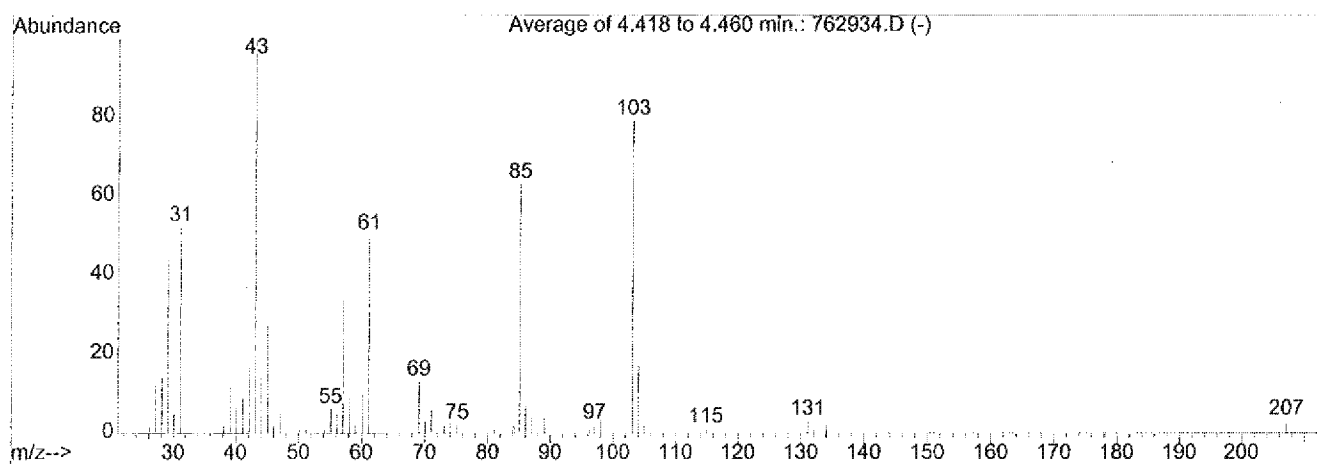
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : 
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
5	4.44	C:\DATABASE\NIST98.L		
		Pentanoic acid, propyl ester	000141-06-0	40
		Hexyl isovalerate	010632-13-0	40
		Butanoic acid, 3-oxo-, 2-methylprop	007779-75-1	38



# Area Percent / Library Search Report

**Information from Data File:**

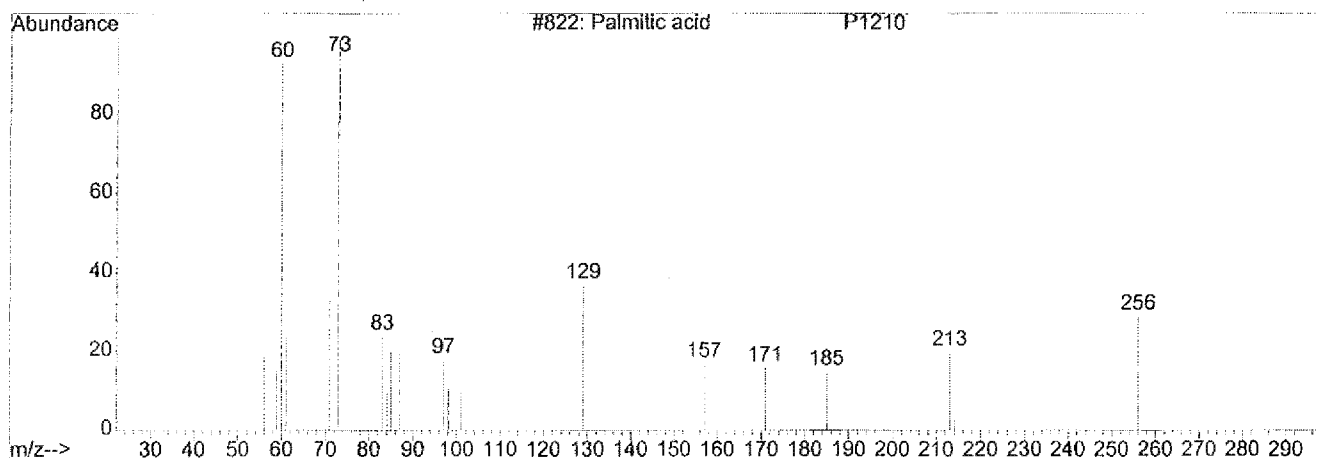
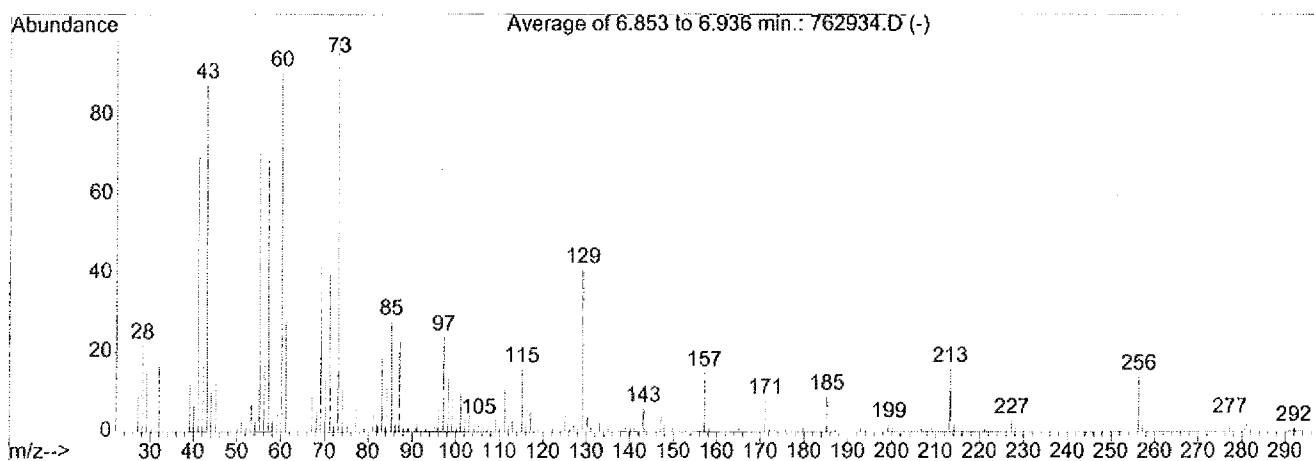
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  20:24
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
6	6.87	C:\DATABASE\PMW_TOX2.L		
		Palmitic acid	000057-10-3	94
		Myristic acid	000544-63-8	43
		Acetic acid	000064-19-7	9





# Area Percent / Library Search Report

**Information from Data File:**

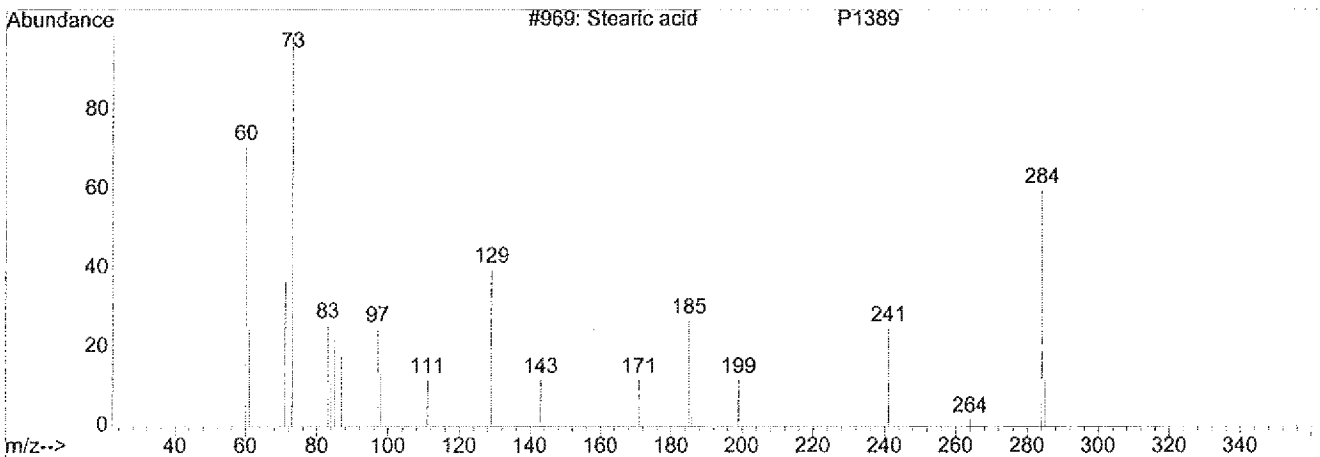
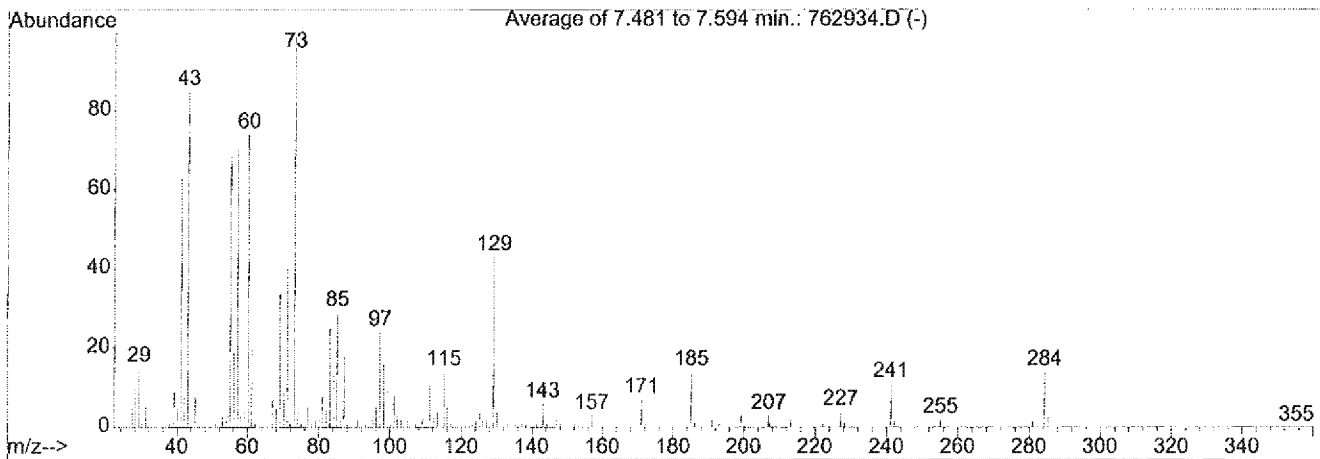
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
7	7.51	C:\DATABASE\PMW_TOX2.L		
		Stearic acid	000057-11-4	91
		Myristic acid	000544-63-8	58
		Tridecane	000629-50-5	10



# Area Percent / Library Search Report

**Information from Data File:**

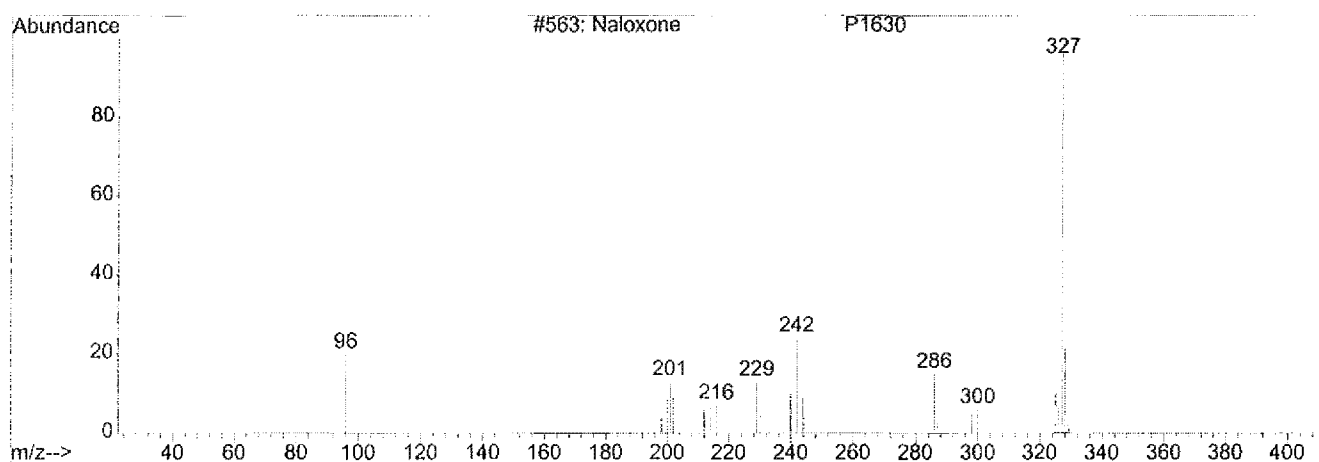
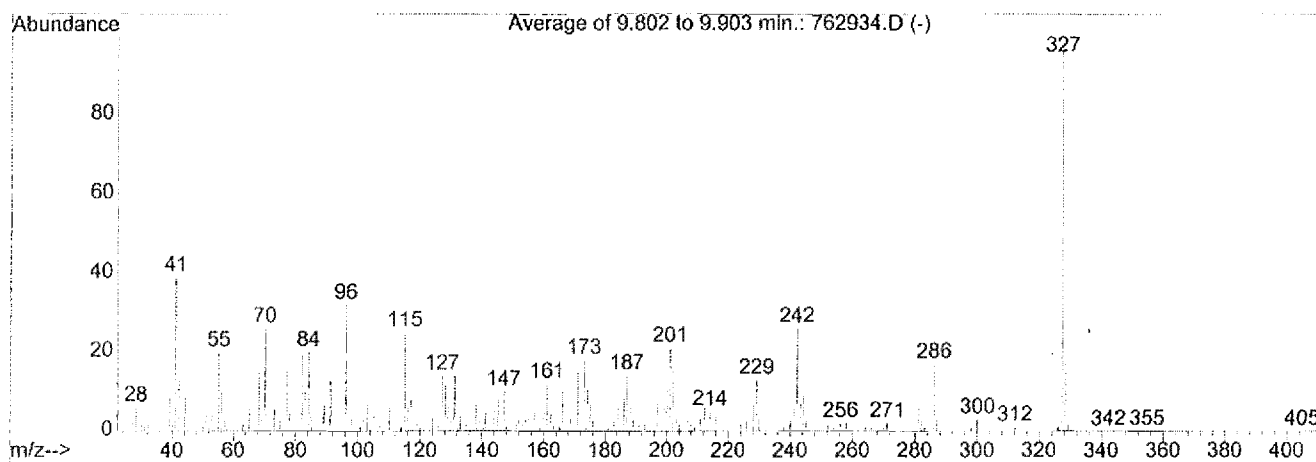
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries:  C:\DATABASE\SLI.L             Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L        Minimum Quality: 90
                   C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
8	9.84	C:\DATABASE\PMW_TOX2.L		
		Naloxone	000465-65-6	90
		Heroin-M (3-acetyl-morphine)	000000-00-0	38
		Naloxone AC	000000-00-0	33



# Area Percent / Library Search Report

**Information from Data File:**

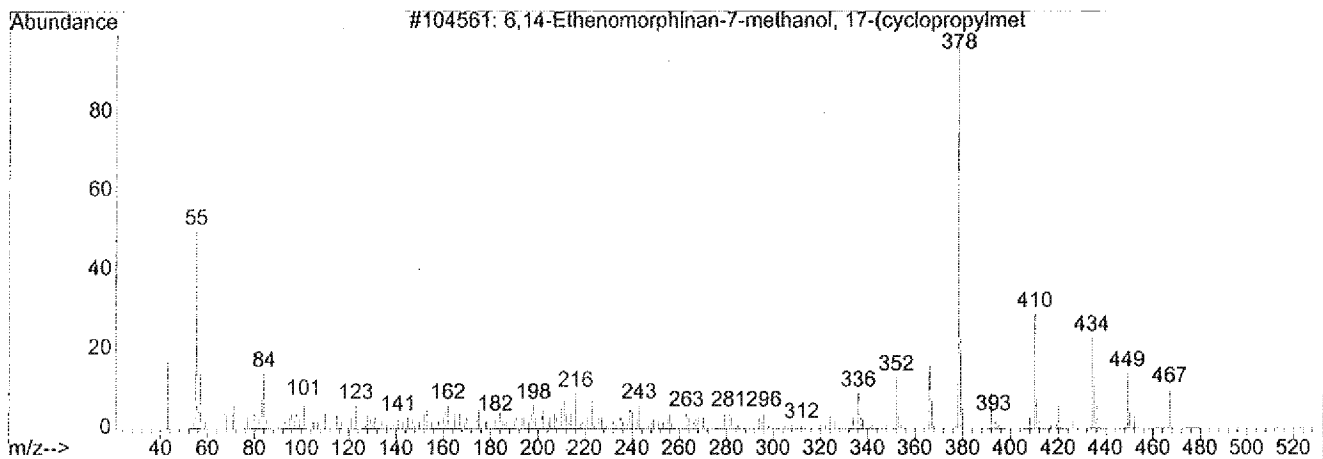
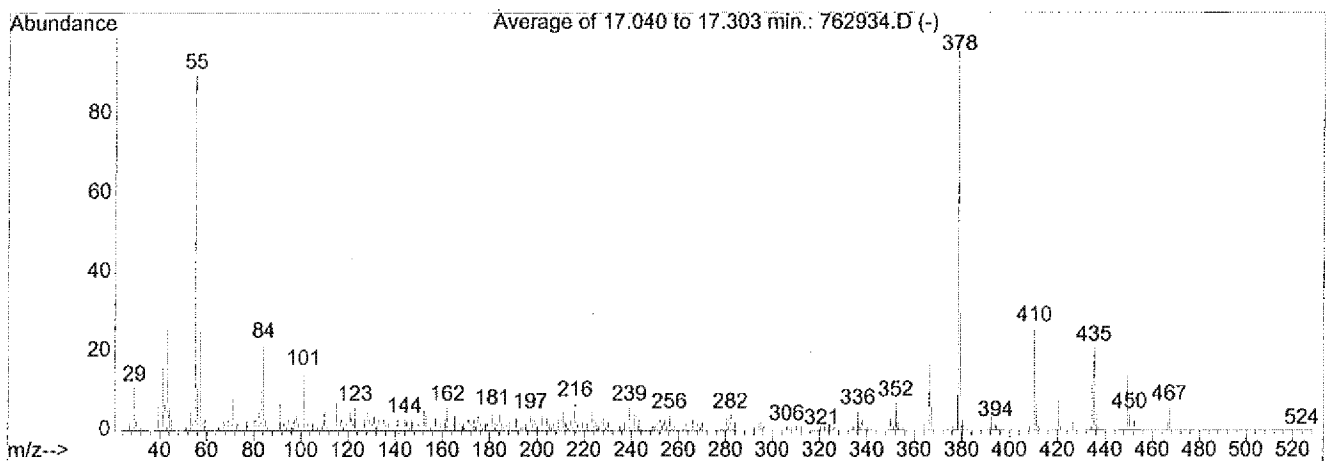
```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762934.D
Operator        : DJR
Date Acquired   : 29 Dec 2010   20:24
Sample Name     : 
Submitted by    : ASD
Vial Number     : 34
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
9	17.17	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	90
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50



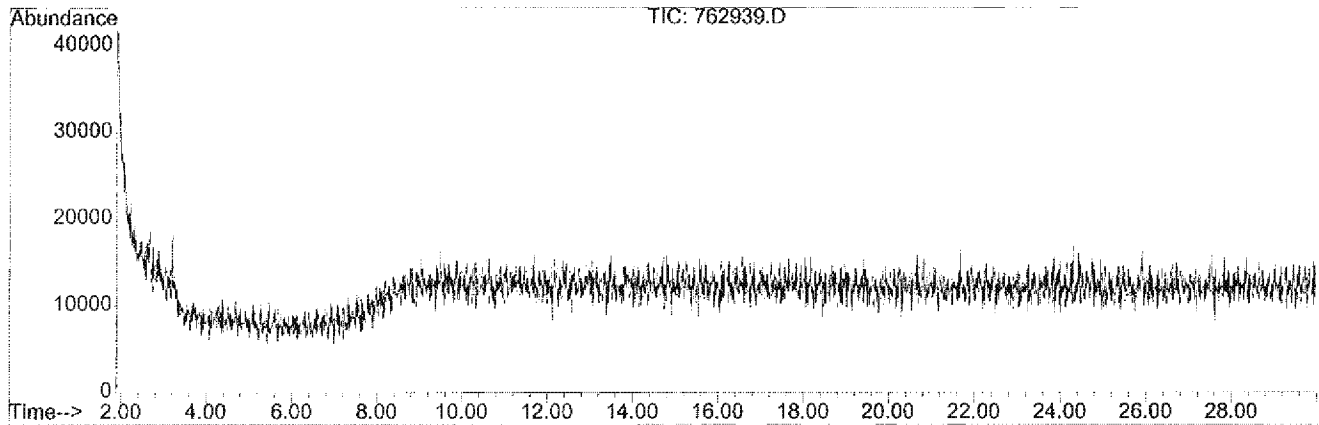
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762939.D  
Operator : DJR  
Date Acquired : 29 Dec 2010 23:14  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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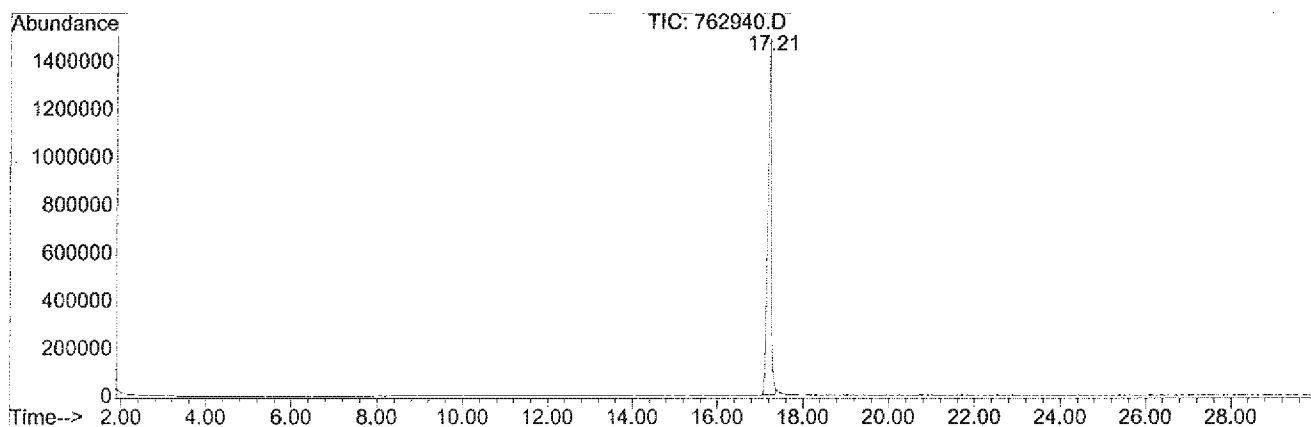
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12\_29\_10\762940.D  
 Operator : DJR  
 Date Acquired : 29 Dec 2010 23:49  
 Sample Name : BUPRENORPHINE STD  
 Submitted by :  
 Vial Number : 31  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
17.213	8123243	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

```

File Name       : F:\Q4-2010\SYSTEM4\12_29_10\762940.D
Operator        : DJR
Date Acquired   : 29 Dec 2010  23:49
Sample Name     : BUPRENORPHINE STD
Submitted by    :
Vial Number     : 31
AcquisitionMeth : WSCREEN
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	17.21	C:\DATABASE\NIST98.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	83
		Anthiaergosta-5,7,9,22-tetraene	1000213-42-2	50

